

User Guide



PHILIPS

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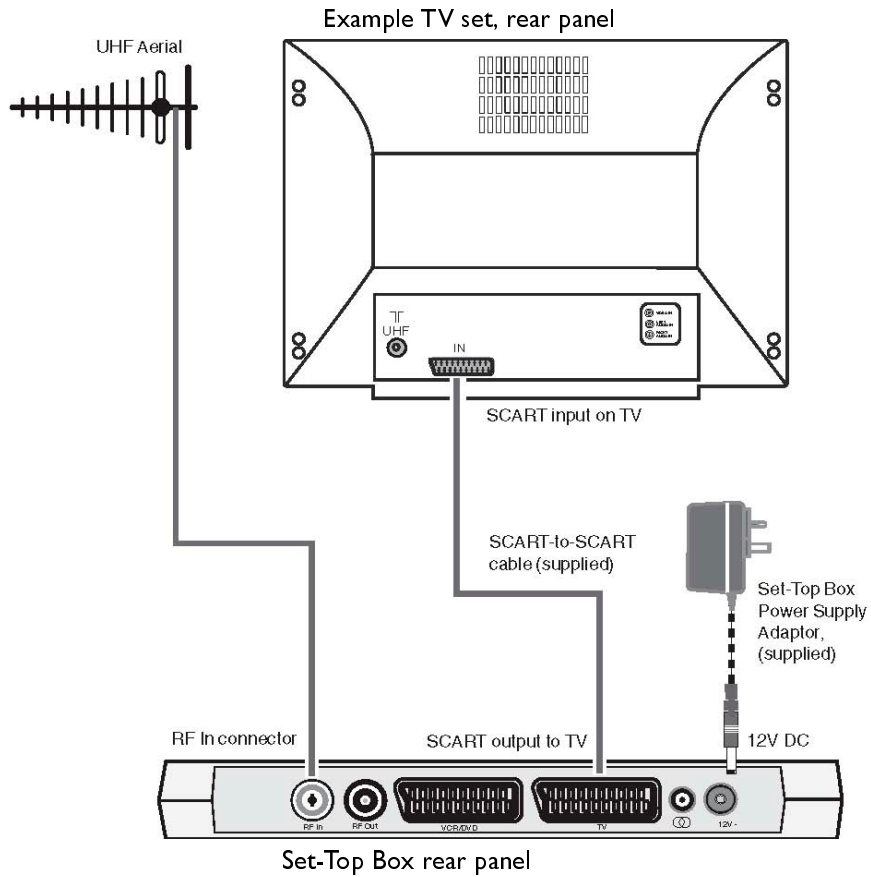
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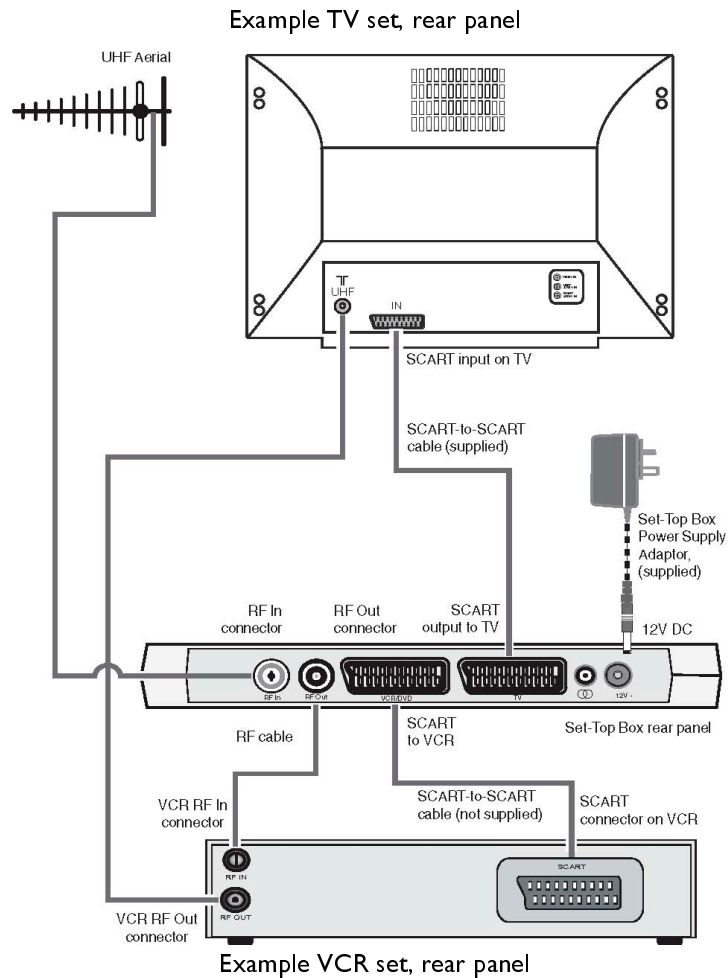
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Quick Guide

Connecting to a Television



Connecting to a Television and VCR



Introduction

Thank you for purchasing this product which has been designed and manufactured to give you many years of trouble-free service.

About This User Guide

This user guide contains all the information you need to know about how to setup and watch available 'Freeview' channels using your set top box.

What is Freeview?

It is the new, free digital service currently providing up to 30 free digital TV channels, over 20 digital radio stations plus a whole new world of interactive services. It's broadcast from transmitters and received via a rooftop aerial.

It works like traditional TV, but because the signals are Digital you need a set top box to convert them. This means more channels can be transmitted with extra features such as interactivity and widescreen pictures.

Safety is Important

To ensure your safety and the safety of others, please ensure you read the Safety Instructions before you operate this product.

Note: Keep this information in a safe place for future reference.

Safety Considerations

Position the cables so that they cannot be walked on or pinched by items placed on or against them.

- Do not use the set top box in humid or damp conditions.
- Do not allow the set top box to get wet.
- Do not expose the set top box to dripping or splashing.
- Do not place water filled objects such as vases on top of the set top box.
- Do not place naked flame sources, such as candles, on top of the set top box.

Cleaning

- ALWAYS unplug the set top box before you clean it.
- Do not use liquid or aerosol cleaners.
- Clean the set top box with a soft, damp (not wet) cloth.

Ventilation

- The slots and openings on the set top box are for ventilation. Do not cover or block them as it may cause overheating.

- NEVER let children push anything into the holes or slots on the case.

Servicing

- There are no user serviceable parts in this set top box.
- When servicing, refer to qualified service personnel.
- Consult your dealer if you are ever in doubt about the installation, operation or safety of this set top box.

Electrical Information

Warning:

Read these electrical safety instructions carefully before connecting the adapter to the mains supply.

- This digital set top box is supplied with a mains adapter.
- This mains adapter is designed to operate on 230V AC 50Hz supply only. Connecting it to any other power sources may damage the set top box.
- The mains adapter is designed for indoor use only.
- The mains adapter is a sealed unit. There are no user serviceable parts inside and it does not require any electrical adjustments.
- Do not attempt to open the mains adapter.
- If the mains adapter is not suitable for your socket, or becomes damaged, it must be replaced and disposed of in a safe and environmentally protective way. Always refer to qualified personnel.
- Periodically inspect the mains adapter for damage. Do not use if faults or damage are found. Refer to qualified personnel.



This symbol indicates that the adaptor is a Class II appliance and does not require an earth connection.



This symbol indicates that the adapter is for indoor use only.



This symbol indicates that the adapter conforms to CE regulations.

Environmental Markings



The „Batteries marking symbol“ means used batteries must not be disposed together with your household waste. Please, inquire about the local regulations regarding disposal of used batteries. For information: the PHILIPS batteries supplied with your receiver remote do not contain hazardous substances such as Mercury, Cadmium, or Lead.



The „Material recyclability symbol“ means the package cardboard or user manual paper is recyclable.



The „Green dot“ affixed on cardboard means PHILIPS pays a financial duty to the „Avoidance and Recovery of Packaging Waste“ organization.

This receiver contains a large number of materials that can be recycled. If you are disposing of an old product, please take it to a recycling center.

Getting Started

Remove your Digital Set Top Box carefully from the box, and remove the packaging from each part.

In the Box

You will find the following items:

- Digital Set Top Box
- Remote Control (AAA batteries)
- Power supply 230 V AC/50 Hz to 12 V DC
- SCART-to-SCART cable
(for Digital Set Top Box to SCART input connector on TV set)
- User Guide (This publication)

If any of these items are damaged or missing, please contact the help line on:

0870 900 9070

Hours of Operation:

Monday to Friday 8:30 am to 6 pm

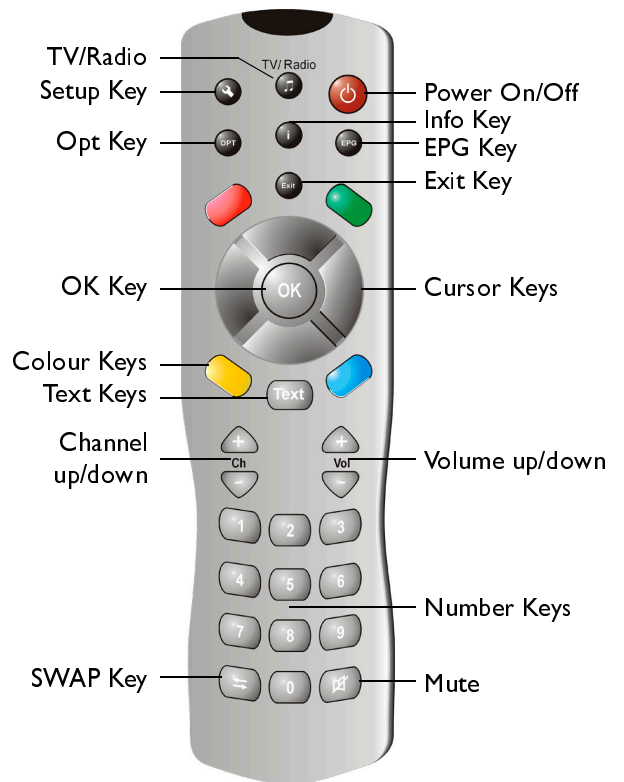
Saturday 9 am to 6 pm

Cost per Minute: national rate

Please make sure that you have the model number of your set top box, before contacting us. The label showing the type and serial number is underneath your receiver.

Identification of Parts

Remote Control



Note: RCU is a code 5 destination 21 and not exchangeable by a Philips universal remote control. It is exchangeable with a so called learnable or programmable remote control like Philips Prontol.



Batteries are removable from the remote with common household tools (e.g. screwdriver).

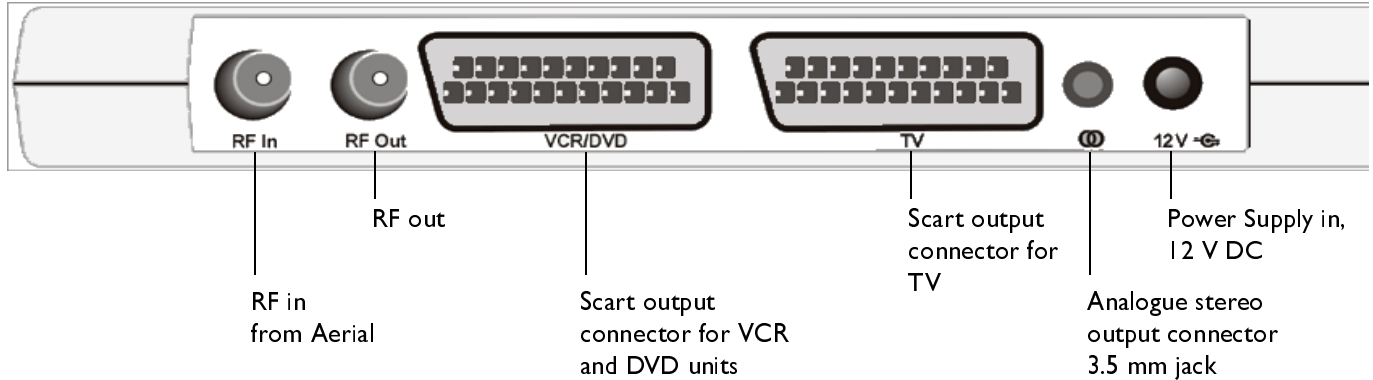
Digital Set Top Box

front view

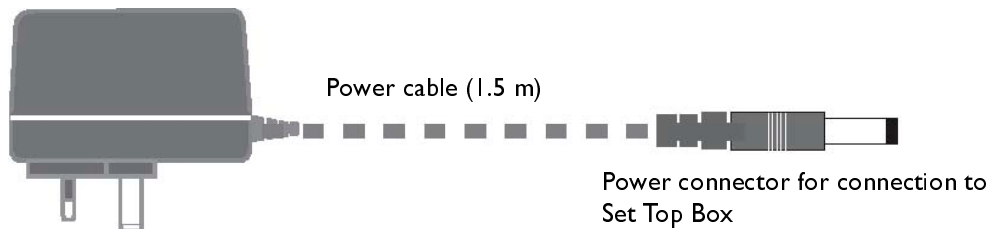


Indicator / IR Receiver Red - off, Green - on

rear view



Mains Adaptor



Plug this into a 230V AC outlet socket

The Remote Control

Using the Remote Control

To use the remote control, point it towards the front of the set top box.

The remote control has a range of up to 7 metres from the set top box at an angle of up to 60 degrees.

The remote control will not operate if its path is blocked.

Warning:

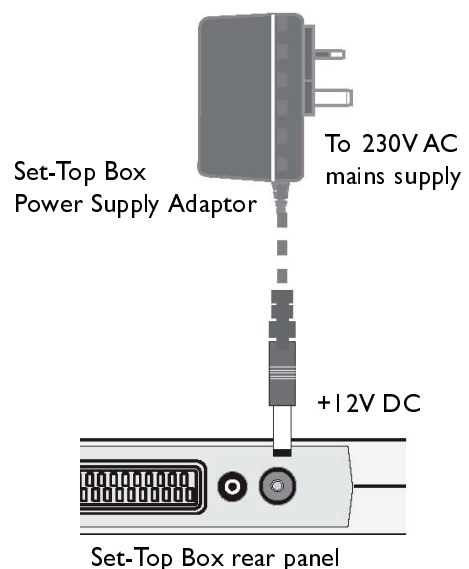
Sunlight or very bright light will decrease the sensitivity of the remote control.

Mains adaptor

A mains power adaptor has been supplied for powering this equipment. It has an integral cable terminated in a power connector to plug directly into the 12V connector on the back of the Digital Set Top Box. The adaptor is shown right.

Plug the cable into the 12V DC connector on the rear panel. Insert the adaptor body into a suitable mains outlet socket.

Note that the only recommended way to disconnect the Digital Set Top Box from the mains supply is to remove the adaptor from the mains socket. If the mains socket is fitted with a switch, this could be used instead.

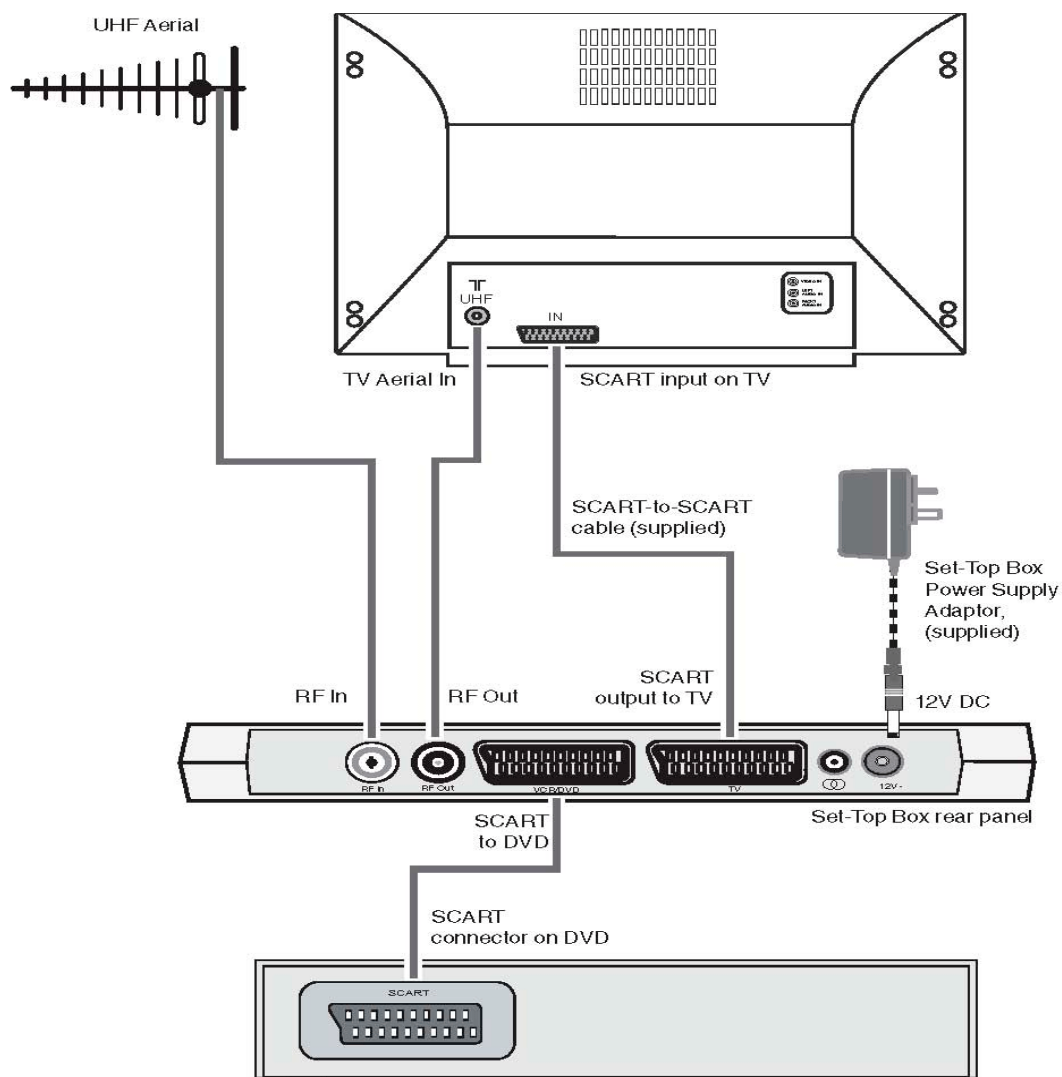


Connecting Your Digital Set Top Box to other equipment

The following diagrams are of typical configurations only, and may differ slightly to your existing external equipment. If you are unsure on how to connect to your set top box, always consult your manufacturer's user guide supplied with your equipment.

Connecting to a Television and DVD

Example TV set, rear panel

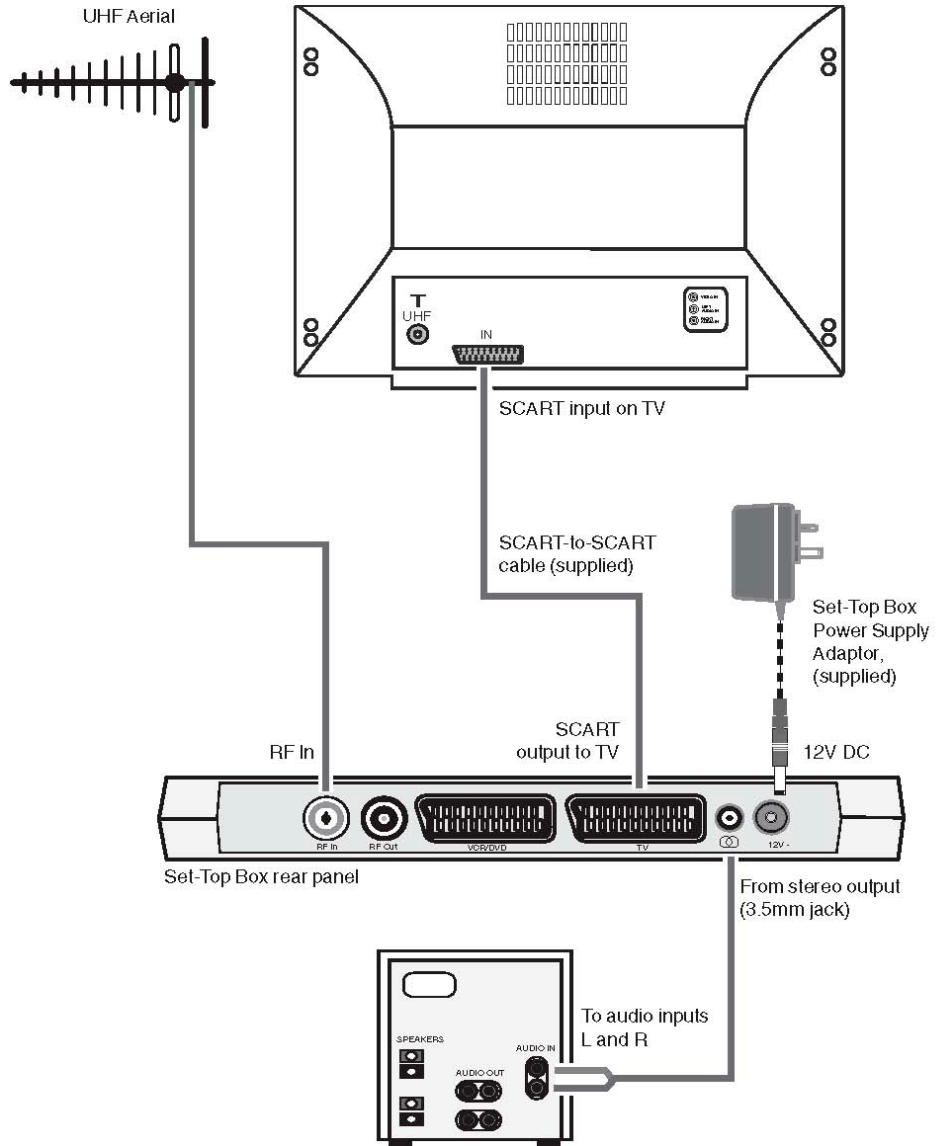


Example DVD set, rear panel

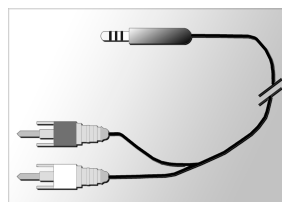
If you decide to connect a DVD player or recorder to the VCR Scart of your digital receiver, we advise to set the DVD output format to CVBS or PAL. Refer to the user manual of your DVD player or recorder.

Connecting to a TV and a Stereo System

Example TV set, rear panel



Example Stereo set, rear panel



Stereo cable (3.5mm jack)

Switching on for the first time

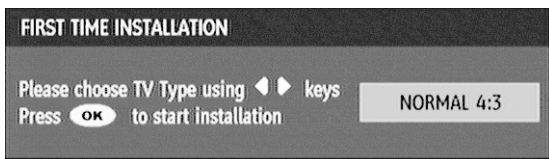
- 1 Connect your equipment according to the appropriate system diagram given on the previous pages and power up/turn on the equipment.

During initialisation the indicator on the front panel will flash green for a few seconds and then be lit and remain green. If the indicator is red (stand by) press the **Power** button on the remote control.

The front panel indicator will now be lit green.

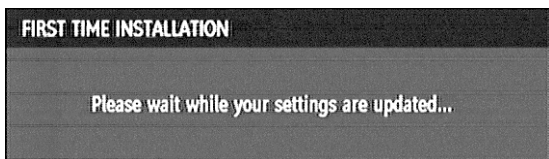
- 2 To switch off the set top box, press **Power** again.

With the Set Top Box on, the FIRST TIME INSTALLATION window is displayed. You are asked to enter the type of TV set you are using.

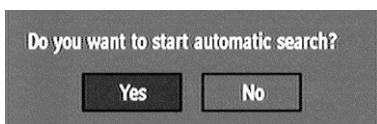


- 3 Use the <left><right> buttons to choose either NORMAL or WIDESCREEN.
- 4 Press the OK button to start installation.

The following message is briefly displayed.



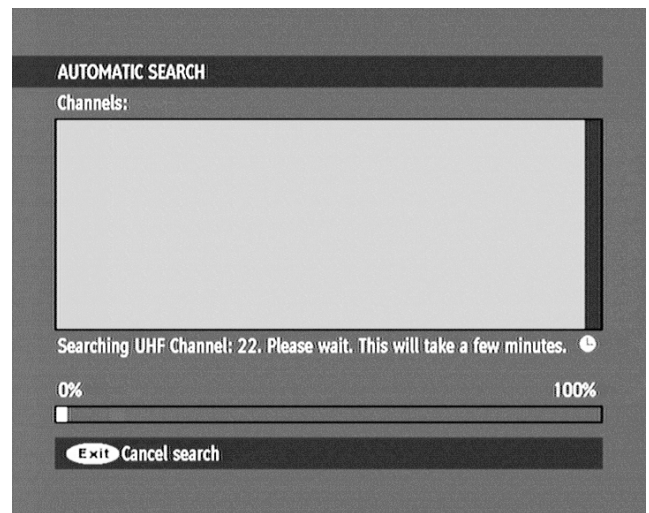
This is replaced by the window shown below.



- 5 Use the <left><right> buttons to highlight **Yes** and then press the OK button.

The system then starts to search all channels for available radio and TV stations. This may take a few minutes.

The stations found are listed in the centre panel and the total number found displayed above this panel. There is a progress bar below the listing panel that shows the channels so far searched within the scan range (21 - 68).



When scanning has finished, the received stations are automatically arranged in numerical order.

The TV set then plays the station at the top of this sorted list. The Info box for the TV station playing is displayed for a short time. The TV station continues to play the programme.

Note: Your receiver, as with any electronic equipment, consumes power. In order to reduce power consumption, please switch your receiver to standby when not in use. If you will not be using your receiver for a long period of time, we recommend unplugging it from the mains outlet.

Using the Set Top Box

Channel List

The Channel List presents a list of all channels found during the channel search described earlier. The list comprises radio and TV channels. They have been allocated a channel (reference) number and are listed in this numerical order.

The Channel List can be used to watch and listen to the selected channels, delete them from the list, edit the name of the channel, set a password to access the channel, and to add the channel to your list of favourite channels.

- 1 Press the **TV/Radio** button to display the CHANNEL LIST, see below for an example. This shows a TV channel selected. When a radio channel is selected the picture frame will be blank.



To Watch a channel

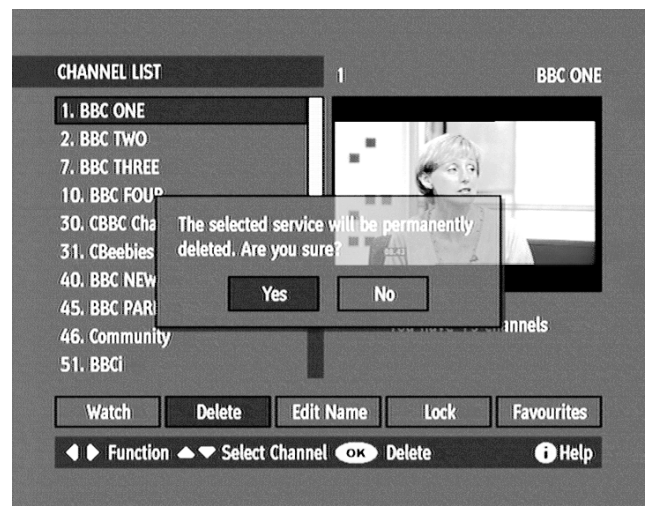
Note: While using the red and green key you can scroll from page to page

- 1 Use **◀▶** to step along the options until you reach **Watch**.
- 2 Use **▼▲** to navigate through the channel list until you reach the channel you want to watch.
- 3 Press **OK** to watch the selected channel in the picture window located at the top right corner.
- 4 To watch the channel on full screen press **Exit**.

To Delete a Channel

- 1 Use **◀▶** to step along the options until you reach **Delete**.
- 2 Use **▼▲** to navigate through the channel list until you reach the channel you want to delete.
- 3 Press **OK** to delete the selected channel in the picture window, top right corner.

A confirmation box opens up.



- 4 Answer **Yes** or **No** as required.

If you answer **Yes** the channel will be removed from the list and will no longer be available to watch/listen to.

To Edit a channel name

- 1 Use **▼▲** to navigate through the channel list until you reach the channel you want to edit.
- 2 Use **◀▶** to step along the options until you reach **Edit Name**.
- 3 Press **OK** to select the edit name function.

The selected channel name appears in a text box that opens below the picture window. The first character of the name is enclosed in square brackets.



- 4 Use the number buttons (0 - 9) to modify this character using the table below.

| Remote button | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
|-------------------|---|---|---|---|---|---|---|---|---|----|
| Press once | A | D | G | J | M | P | S | V | Y | SP |
| Press twice | B | E | H | K | N | Q | T | W | Z | 0 |
| Press three times | C | F | I | L | O | R | U | X | 9 | + |
| Press four times | l | 2 | 3 | 4 | 5 | 6 | 7 | 8 | y | - |
| Press five times | a | d | g | j | m | p | s | v | z | * |
| Press six times | b | e | h | k | n | q | t | w | & | / |
| Press seven times | c | f | i | l | o | r | u | x | . | ! |

- 5 Use ▼▲ to step along the characters of the name and modify each as required. The new name can be shorter or longer than the existing name. Maximum length is 16 characters.


Press **OK** to confirm the new name.

To Lock a channel

This function allows you to set a password to gain access to selected channels.

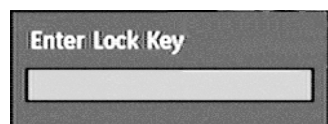
Note: Also lock the manual when locking individual channels.

- 1 Use ▼▲ to navigate through the channel list until you reach the channel you want to lock.
- 2 Use ◀▶ to step along the options until you reach **Lock**.
- 3 Press **OK** to set the lock.

The lock symbol  appears alongside the selected channel in the list. Enter your **Lock Key** (0000 is the default setting. This may be changed in the Configuration menu - See page 13).

- 4 Press **OK** again to remove the lock.

The next time you select to watch this channel you will be asked for a password - the **Enter Lock Key** window will be displayed for this.



You will only be able to watch this channel if you enter a valid number. If you enter a wrong number the **Wrong Lock Key** box will be displayed briefly.

When a valid number is entered the channel will be played.

To Add a channel to your Favourites list

- 1 Use ▼▲ to navigate through the channel list until you reach the channel you want to add to your favourites list.
- 2 Use ◀▶ to step along the options until you reach **Favourites**.
- 3 Press **OK** to set this channel as a favourite.

The favourites symbol  appears alongside the selected channel in the list.

- 4 Press **OK** again to remove from the favourites list. See page 15 on how to activate the favourites list.

Changing Channels

You can change channels by using any of the following methods.

Channel browse buttons

- Use the **Ch+** and **Ch-** buttons to browse up and down the available channels.

Number buttons (0-9)

The complete channel number must be entered within 3 seconds of the first digit entry.

- For example, to watch channel 43, press button 4 and then button 3.

The entered channel number will be displayed in top left of the TV screen and the TV will show the entered channel.

Channel list

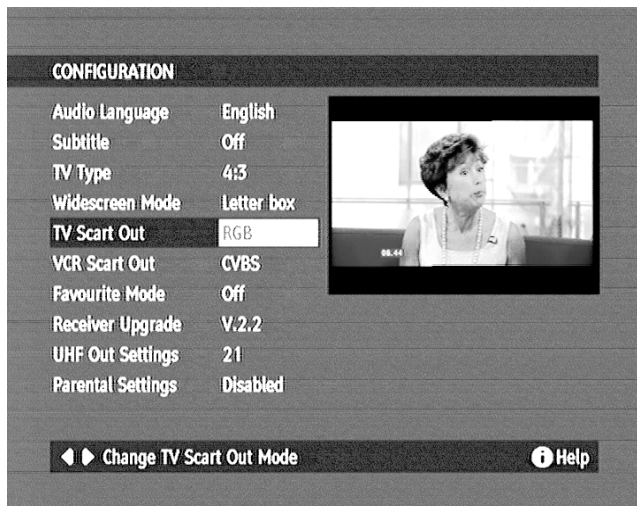
- 1 Press **TV/Radio** to view the list of available channels in the Channel List.
- 2 Select the required channel using the ▼▲ buttons.
- 3 Press **OK** to view/listen to the channel in the window. Press **Exit** to go to full screen.

Configuration

The Configuration window allows you to customise various settings.

- 1 Press the **OPT** button to display the Configuration window.

You can select from the available options for each of the items in the Configuration window. See below for a typical display.



The text along the lower banner changes according to the item selected. In this example, **TV Scart Out** is selected. The currently set option is **RGB**. The other choices available for this item are **CVBS** and **S-Video**.

- 2 Use the ◀▶ buttons to display the options in turn.
- 3 Use ▼▲ to navigate through the configuration list until you reach the item you want to re-configure.

| | |
|--------------------|---|
| Audio Language: | You can choose the default played audio language between English, Welsh and Gaelic if a program is broadcast in more than one language. |
| TV-Type: | Choose the type of TV you have 4:3 / 16:9. |
| WideScreen Mode: | Set your preferred mode for movies or shows that are broadcast in 16:9. Note: If your TV type is set to Widescreen this function is not available. |
| TV Scart Out: | Output can either be RGB, CVBS or S-Video. |
| VCR Scart Out: | Output can either be CVBS or S-Video. |
| Favourite mode: | Turn Favourites Mode on/off. |
| Receiver Upgrade: | To download software upgrades from broadcasters or the manufacturer to further enhance the current service. |
| Parental Settings: | Create viewing restrictions on all available channels. Once activated a lock key code must be entered to view the TV channels. |
| UHF Out Settings: | If your TV has no SCART you have to connect the receiver as described on page 8 and choose a channel that is not disturbed by any input channel for a good output quality. You have to start a new channel search on your TV and wait until receiving pictures in good quality. |

- 4 If you use the re-modulator (out) you have to choose a channel that is not disturbed by any input channel for a good output quality.
- 5 Use ◀▶ to step through the options until you reach the new setting.

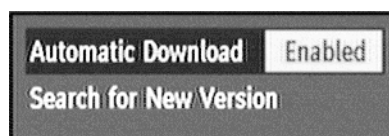
Some configurations require further information to be entered in subwindows which are displayed when these items are selected.

- 6 Press **Exit** to close down the configuration window and return to the previously displayed channel.

The configuration settings are now as they were set at the time you pressed the **Exit** button.

Receiver Upgrade

When Receiver Upgrade is selected for re-configuring you will be presented with the following window:



- 1 Use ▼▲ to move to the first item shown.
- 2 Use ◀▶ to disable or enable automatic STB firmware download when available. If enabled, this will be carried out automatically and the listed Receiver Upgrade version number will be changed accordingly.

If you want to check immediately for an STB firmware upgrade:

- 3 Use ▼▲ to move to the second item shown.
- 4 Press **OK** to start the search for an upgrade.

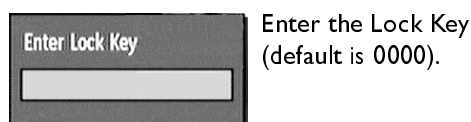
You will be informed that the system is searching for an upgrade and whether or not an upgrade was found.

- 5 Press **Exit** to return to the Configuration menu.

Parental Settings

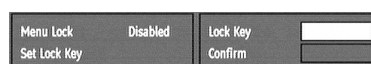
The Parental Setting feature allows you to password protect groups of menus or allow access to all menus.

- 1 Use ▼▲ to highlight **Parental Settings**.
- 2 Press **OK**.



Enter the Lock Key (default is 0000).

The window below is displayed:



- 3 Use ◀▶ to step through and display the available options: **All Menus**, **Installation Menus** or **None** (Disabled).

- 4 Use **▼▲** to highlight **Set Lock Key**.
- 5 Press **OK**.
A second sub-window is displayed, above right.
- 6 Enter the Lock Key code in the code entry box using the number buttons (0-9).
Input now switches to the Confirm code entry box.
- 7 Enter the same Lock Key code in this window using the number buttons (0-9).
The second sub-window displays Key Lock Changed and then closes.
- 8 Press **Exit** to Apply Setting and return to the Configuration menu.

Language

To check what is available:

- 1 Press the **Setup** button to display the Main menu.
- 2 Use **▼▲** to select **Language**.
- 3 Press **OK**.
- 4 If alternatives are available use **▼▲** to select the desired language.
- 5 Press **OK** to apply these settings and exit this function. This change is only temporarily for the current program.

Timers

You can use the Timer function to turn your Set Top Box on and off in Stand-by and also to automatically switch channels when your Set Top Box is on.

Press the **Menu** button to display the Main menu.

- 1 Use **▼▲** to select **Timers**.
- 2 Press **OK**.

The following typical **Timer Menu** is displayed.

| TIMER MENU | | | | | |
|------------|--------------|-------|-------|------------|----------|
| No | Channel Name | Start | End | Date | Mode |
| 1. | BBC ONE | 01:00 | 01:00 | 01/01/2000 | Inactive |
| 2. | BBC ONE | 01:00 | 01:00 | 01/01/2000 | Inactive |
| 3. | BBC ONE | 01:00 | 01:00 | 01/01/2000 | Inactive |
| 4. | BBC ONE | 01:00 | 01:00 | 01/01/2000 | Inactive |
| 5. | BBC ONE | 01:00 | 01:00 | 01/01/2000 | Inactive |

08:47
03/08/2004

◀▶ Toggle Mode **Exit** Exit **OK** Edit Timer **i** Help

Note: To record on a VCR / DVDR you must also set the timer of the VCR / DVDR to record the desired program in the normal way. Make sure the timer program of the VCR / DVDR is set to the correct EXT socket for the set top box. To play back a recording from the VCR / DVDR, please make sure the Set Top Box is in standby.

Use **▼▲** to select one of the five timer settings available.

- 3 Press **OK**.

The following typical Timer Menu is displayed which shows Name box channel highlighted for selection.

| TIMER MENU | | | | | |
|------------|--------------|-------|-------|------------|----------|
| No | Channel Name | Start | End | Date | Mode |
| 1. | BBC ONE | 01:00 | 01:00 | 01/01/2000 | Inactive |
| 2. | BBC ONE | 01:00 | 01:00 | 01/01/2000 | Inactive |
| 3. | BBC ONE | 01:00 | 01:00 | 01/01/2000 | Inactive |
| 4. | BBC ONE | 01:00 | 01:00 | 01/01/2000 | Inactive |
| 5. | BBC ONE | 01:00 | 01:00 | 01/01/2000 | Inactive |

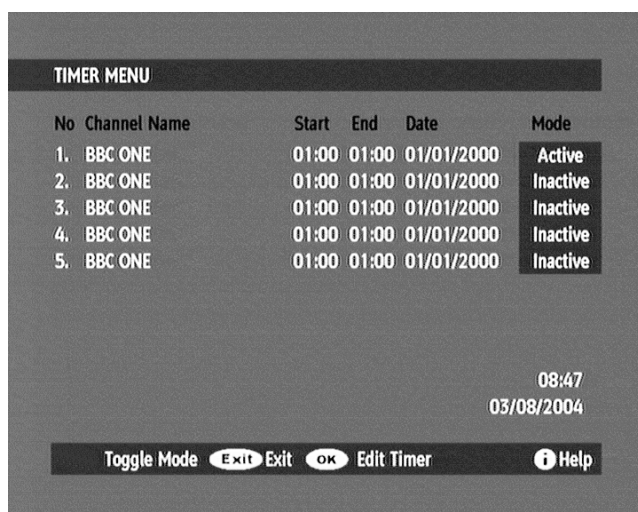
| | |
|--------|------------|
| Name: | 1. BBC ONE |
| Start: | 00:00 |
| End: | 00:00 |
| Date: | 03/08/2004 |
| Mode: | Once |

08:48
03/08/2004

◀▶ Move/Change **Exit** Exit **OK** Apply Changes **i** Help

- 4 Use **◀▶** to step through the list of loaded channels until the channel to be set for timed turn on/off is displayed.
- 5 Use **▼▲** to step to the **Start** time.

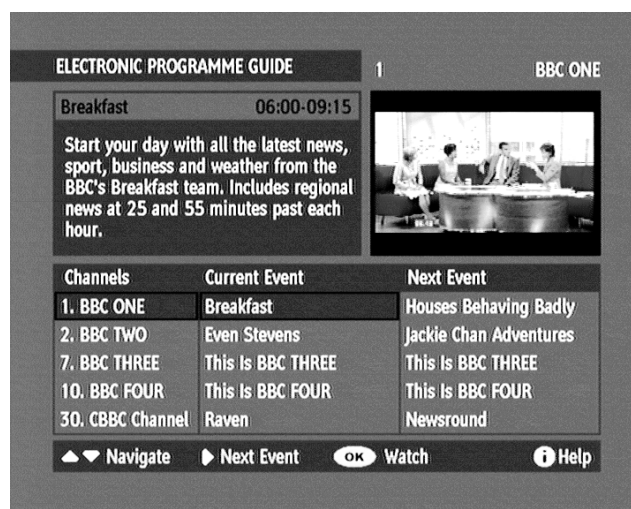
- 6 Use the number buttons (0 - 9) to set the start time
- 7 Use $\blacktriangledown/\blacktriangle$ to step to the **End** time.
- 8 Use the number buttons (0 - 9) to set the end time
- 9 Use $\blacktriangledown/\blacktriangle$ to step to the **Date**.
- 10 Use the number buttons (0 - 9) to set the date
- 11 Press **OK** to apply changes and move the entered data to the main timing list, as shown below.



Electronic Program Guide

The Electronic Program Guide provides the user with a brief description of the currently selected program in the list of channels. The five channels listed are a window on all stored channels.

- 1 To display the Electronic Program Guide, press the **EPG** button. An example of an EPG window is given below.



- 2 Use $\blacktriangledown/\blacktriangle$ to navigate through Channels.

A brief description of the highlighted channel name appears in the upper left panel of the window with its name and broadcast time.

- 3 Use \blacktriangleright to step to the **Next Event**.

The upper left panel now contains the details of the **Next Event**.

Reminder: When **Next Event** has been selected, there is an opportunity to set a reminder for a particular program. Press **OK** on the selected program and a clock symbol is shown.

During viewing a reminder is displayed that the selected program is about to start.


- 4 Use \blacktriangleleft to return to the **Current Event**.
- 5 Press **OK** to watch the currently selected event in the upper right panel in this window.
- 6 Press **Exit** to view the current channel on full screen.



Favourites

When Favourites are enabled (see the Configuration window earlier), then only the channels that you selected as your favourite channels will be stepped through when you use the channel browse buttons, **Ch+** and **Ch-**.

Additional Functions

Information / Help button

The  has two functions according to the current status.

- 1 When a TV or Radio channel is playing, press the  button to display program information:
 - Channel name and number.
 - Current program name, start and end play times.
 - Next program name and start and end play times.
 - Signal level for current channel.
 - Time of day.
 - TV or Radio icon.
- 2 To get help about the current selection in a window, press the  button for relevant information.

Volume

To increase or decrease the volume of the channel playing, press the **Vol+** and **Vol-** buttons respectively. The maximum volume is set by the volume control setting on the TV.

A volume slider icon appears on the TV screen for visual feedback.

Mute

Press the **Mute** button to turn off the sound. Press again to restore the sound to the previous level.




Swap

Press the **Swap** button to switch between the two previously selected channels.

Text/MHEG

With the text button you can access certain Text and Multimedia contents.

MHEG (Multimedia and Hypermedia Expert Group) is a standard that offers you information about various contents like life style, shopping or sports events and results.

- 1 Press the **Text** or Red button to bring up the text menu for the current channel.
- 2 Use the   buttons to navigate through the menu.
- 3 Use  to select an item.

Additionally you now have the four colour buttons (Red, Green, Yellow and Blue) to navigate through the content of the page. How they will be used will vary for different stations; read their meaning from the bottom line (usually) or wherever they appear on the screen and use them as required.

- 4 Press the Text button again to leave the MHEG, or press the **Exit** button.

16 USING THE SET TOP BOX

Help and Advice

If you experience an operating problem with your Digital Set Top Box, please refer to the trouble-shooting table below and then the notes that follow.

| Error | Possible cause | Remedy |
|---|--|--|
| No picture and no sound | No channel list or wrong channel list | Do an automatic station scan |
| | Short circuit in aerial lead | Turn off receiver, remove short circuit and then turn on again |
| | Defective or missing cable connection | Check all cables |
| | Poorly adjusted aerial | Adjust aerial |
| | Loose connectors or cable too long | Check connectors and shorten cable |
| | No Freeview coverage in your area | Please call 08708 809980 or text your post code to 8331 (standard network charges apply) |
| No picture or picture is blocky in appearance | Aerial too small | Use a bigger aerial |
| | SCART connector not fully plugged in | Check SCART connector |
| Sound but no picture | Aerial poorly adjusted or defective | Check aerial |
| | Program is being broadcast with altered parameters | Do an automatic search (see Advanced Installation) |
| | SCART connector not fully plugged in | Check SCART connector |
| Cannot receive station that you could receive before | Program is no longer broadcast | None |
| | Interference with „DECT“ phones | Move phone away from the receiver to a location where interference ceases |
| | Program is being broadcast with altered parameters | Do an automatic search (see Advanced Installation) |
| Remote control is not working | Obstacle in between remote control and receiver | Remove obstacle |
| | Transport stream defect | Turn receiver off and then on again |
| | flat battery | Add new battery |
| Certain stations cannot be received from time to time | These services are not transmitted 24 hours a day and can sometimes be unavailable. This is not a fault. | |
| STB cannot be controlled | Obstacle in between remote control and receiver | Remove obstacle |
| Poor image quality or no colours | Wrong TV SCART out signal | Try changing from RGB to CVBS or vice versa (see Configuration) |
| | Inappropriate video type selected | Set video output according to TV set video requirements (see Configuration) |

If none of the above suggestions seem to work, try switching your Set Top Box off and then on again. If this does not work, contact either your supplier or a qualified repair technician. Never attempt to repair your set top box yourself.

General

- DVB terrestrial Free-To-Air receiver compliant to EN 300 744
- MHEG5 and LCN support
- UHF frequency range support
- Re-Modulator output adjustable (PAL)
- Video and Audio out via 2x SCART
- Audio out (left/right) via 3.5mm stereo jack
- Fast channel search
- Reed-Solomon decoding support (EN 300 744)
- Automatic FEC selection (1/2, 2/3, 3/4, 5/6, 7/8)
- MPEG2 Transport Stream support: ISO/IEC 13818-1
- DVB-Video/-Audio support: ISO/IEC 13818-2, -3
- Update-Over-Air accordingly to BBC-SSU procedure
- slim line housing

Base specification

- QPSK / QAM16/64 demodulation compliant to DVB terrestrial standard EN 300 744
- COFDM 2k and 8k
- UHF support (474...862 MHz)
- 8 MHz channel bandwidth
- Guard Interval Modes: 1/32, 1/16, 1/8, 1/4 active symbol duration
- Fast PLL tuning speed: step size 62,5 kHz / 166,67 kHz

Input /Output

2x SCART (VCR & TV) out

- TV SCART video out: CVBS, Y/C, RGB
- VCR SCART video out: CVBS, Y/C
- switching signal: 0 / 6 / 12V
- Audio out (left/right)

Audio out

- 3.5mm stereo jack

RF input

- connector IEC60169-2 female
- termination 75 Ohm
- Return Loss: min. 6 dB (75 Ohm)

RF Re-Modulator

- connector IEC60169-2 male

- adjustable Re-Modulator channel 21 - 69
- output termination 75 Ohm

Loop-Through of RF signals

Power Supply

- Power supply 230VAC/50Hz to 12VDC
- Operation power consumption less 12 W
- Maximum stand-by mode consumption: 9 W

Accessories

- Receiver ca. 250 x 140 x 32 mm
- Power Supply
- SCART/SCART cable
- Remote Control
- 2 Batteries (for remote control)
- Instruction manual

Temperature

- Temperature-Range +5 °C...+40°C

This product is in conformity with the requirements of the 95/47/EC and 2002/21/EC directives.

The product complies with the following European council Directives: 73/23/EEC, 93/68/EEC and 89/336/EEC.



Guarantee

This set top box is guaranteed for 12 months from the date of original purchase. If any defect arises due to faulty materials or workmanship, the set top box will either be replaced, a refund given or repaired free of charge (where possible) during this period by the dealer from whom you purchased.

The guarantee is subject to the following provisions:

- The product must be correctly assembled and operated in accordance with the instructions contained in this user guide.
- The guarantee does not cover accidental damage, misuse, or consumable items.
- The guarantee will be rendered invalid if the set top box is resold or has been damaged by inexpert repair.
- The manufacturer disclaims any liability for incidental or consequential damages.

This guarantee is in addition to and does not diminish your statutory, or legal rights.

